



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection – Watershed Permitting Program  
**Sanitary Sewer Overflow (SSO)/Bypass**  
**Notification Form**

FOR DEP USE ONLY

Tax Identification Number

**A. Reporting Facility**

1. Facility Information

Hull, MA WPCF

MA0101231

Reporting Sewer Authority

Permit #

2. Authorized Representative Transmitting Form:

Aram

Varjabedian

781-925-0906

First Name

Last Name

Telephone No.

Plant Manager

avarjabedian@woodardcurran.com

Title

E-mail Address

**B. Phone Notifications:**

1. MassDEP staff contacted:

Contacted By Email

David

First Name

Burns

Last Name

Date/Time contacted:

05/17/2020 3:36PM

Contacted by:

2. EPA staff contacted:

Contacted by: Email

David

First Name

Turin

Last Name

Date/Time EPA contacted:

05/17/2020 3:36PM

3. Board of Health contacted:

Contacted by: Email

Joyce

First Name

Sullivan

Last Name

Date/Time contacted:

05/17/2020 3:36PM

4. Director of WW Operations

Contacted by: Verbal

John

First Name

Struzziery

Last Name

Date/Time contacted:

5/16/2020 2:15PM

4. Others notified:

Harbormaster / Shelfish Warden - Kurt Bornheim, Division of Marine Fisheries - Ryan  
Joyce, Hull Conservation Agent - Chris Krahforst, DPW Director, Town Manager -  
Philip Lemnios

Contacted by: Email at 3:36pm on 5/17/2020

Comments



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection – Watershed Permitting Program  
**Sanitary Sewer Overflow (SSO)/Bypass**  
**Notification Form**

---

**C. SSO Information**

1. SSO Discovered/Confirmed:

By: John Struzziery

Date and Time 05/16/2020 02:15PM

2. SSO Stopped Date and Time 05/16/2020 04:30PM

3. SSO Discharge from:

Other

Sanitary Manhole, Pump Station, Backup into property, Other - Specify Below

Specify: Back up of lateral sewer into property due to blockage at property line, due to a broken pipe.

4. SSO Discharge to:

Ground Surface with extremely small amount to down gradient catch basin

Ground Surface, Direct to Receiving Water, Catch Basin to Receiving Water, Backup into Basement

Specify: Most if any leakage to surface localized to ground/grass area.

Location: 29 Roosevelt Ave., Hull, MA

(Description of discharge site or closest address)

X,Y Coordinates **Lat: 42.272958; Long: -70.863652**

5. Estimated SSO Volume at time of this Report:

Less than 5 gallons, best estimate at 1-2 gallons

Method of Estimating Volume:

Visual

Other Method: \_\_\_\_\_

6. Cause of SSO Event:

Pipe Collapse of the lateral near the main, that caused the blockage.

Rain Event, PS Failure, Insufficient Capacity in System, Treatment Unit failure, Sewer System Blockage, Pipe Collapse, Root Intrusion, Grease Blockage, Other

Specify: The water service crosses over sewer service in area of break, and break was most likely due to combination of factors due to prior utility construction in the area and a large boulder that was found on the pipe in the area of the break. Homeowner indicated that Aquarion replaced lead water service approximately 1.5 years prior. Also, the gas main was replaced in street above sewer service in the past year.

7. Corrective Actions :

A silt sack/filter fabric installed under the CB grate, until digsafes completed and contractor work completed. A trickle of flow was seen to be coming out of the ground from 2:15pm to 4:30pm, and then it stopped. . The estimated quantity of leak was based upon this observation No additional leakage was seen until the contract work started at approximately 8pm. Contractor repairs completed by 11:59pm 05/16/20. The source of the pipe

Impact Area cleaned and/or disinfected:

Yes

Corrective Actions Completed:

Yes

Details: All areas cleaned up by contractor. A call was made for a vactor truck on Sunday 5/17 and scheduled in at 7AM on Monday 5/18 to pump out and washdown/clean the down gradient catch basin. There was no rain during the period from Saturday evening to Monday morning, and the catch basin had no standing water in it.



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection – Watershed Permitting Program  
**Sanitary Sewer Overflow (SSO)/Bypass**  
**Notification Form**

**D. Comments/Attachments/Follow-up**

Additional comments and  
planned actions:

See attached photos, supplemental information and maps.

I wish to provide the following:

Attachment, Additional Comments

Attachment, Additional Comments, No Additional Comments or Attachments

Map



Street map showing 29 Roosevelt Ave (yellow dot indicates SSO)

Photo 1



Catch basin (CB) in background - trickle of flow from area of break



Downgradient CB with silt sack installed



Completed repair on right side, and cleaned CB 5/18/20



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection – Watershed Permitting Program  
**Sanitary Sewer Overflow (SSO)/Bypass**  
**Notification Form**

---

**E. Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative

5/21/2020

Date Signed

Please keep a copy of this report for your records. When submitting additional information, include the MassDEP Incident Number from this report.

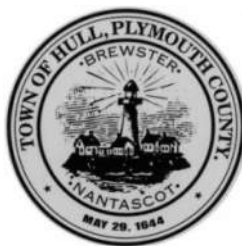
---

**MassDEP Regional Office and EPA Telephone and Fax Numbers:**

Northeast Phone:	978-694-3215	Fax:	978-694-3499
Southeast Phone:	508-946-2750	Fax:	508-947-6557
Central Re Phone:	508-792-7650	Fax:	508-792-7621
Western R Phone:	413-784-1100	Fax:	413-784-1149
EPA Cont: Phone:	617-918-1870	Fax:	617-918-0870
DEP 24-hr Phone:	888-304-1133		

# Town of Hull Wastewater Treatment Plant

1111 Nantasket Avenue  
Hull, MA 02045  
(781) 925-1207

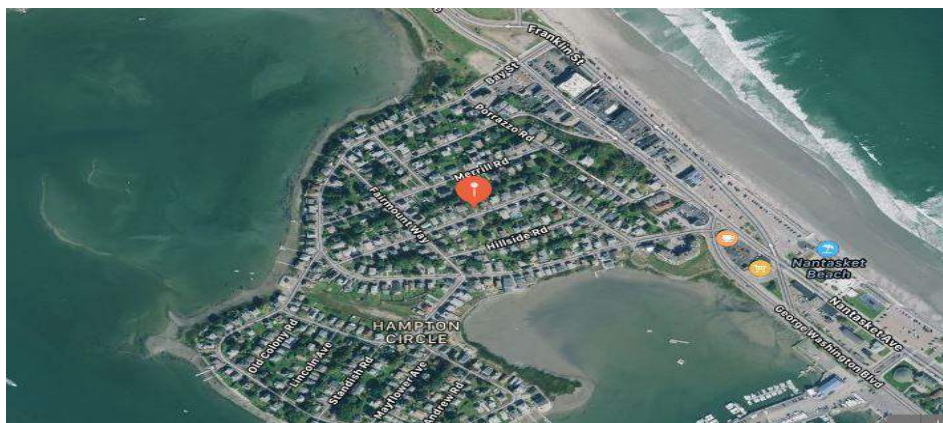
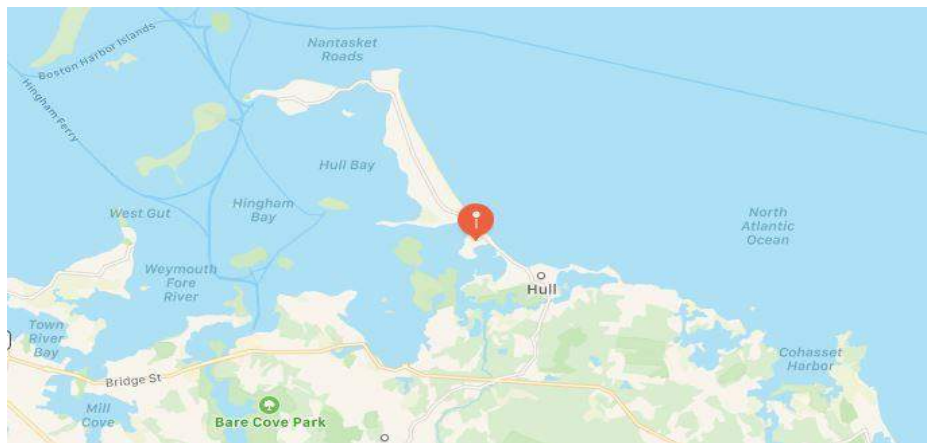


NPDES Permit #  
MA0101231

## Unauthorized Discharge Summary 29 Roosevelt Ave. Hull, MA [05-16-20]

Location (address or latitude and longitude);	<i>On SSO report form</i>
Date and Time unauthorized discharge began;	<i>On SSO report form</i>
Date and Time unauthorized discharge stopped;	<i>On SSO report form</i>
Source of the notification (e.g., property owner, field crew, police);	<i>Plumber/property owner notified John Struzziery – Hull Sewer Dept. Initial checkout by W&amp;C at 1:00pm on 5/16. Undetermined if wet area due to sewer line issue. Street main flow was OK.</i>
Type of asset from which the unauthorized discharge occurred (e.g., station, manhole, main);	<i>Lateral sewer connection of street main</i>
Estimated gallons released;	<i>Less than 5 gallons; Our best estimate at 1-2 gallons.</i>
Method used to estimate volume;	<i>Visual and based upon small trickle of flow between 2:15pm and 4:30pm</i>
Cause of the unauthorized discharge, (blockage or break; mechanical, electrical, or structural failures);	<i>Lateral pipe break. On SSO report form.</i>
If caused by a blockage, identify the type of blockage (e.g., grease, rags, debris);	<i>NA</i>
If caused by a mechanical, electrical, or structural failure, the date of the last inspection, maintenance, or repair of the failed asset;	<i>Structural break of pipe</i>
Did the release reach any portion of the Town's Municipal Separate Storm Sewer System ("MS4").	<i>Yes, Release was very small and localized. A trickle of flow to the downgradient catch basin [CB] in close proximity to the issue. CB approx. 10 feet away.</i>

If the release occurred to the ground, provide the location of the nearest down-gradient catch basin and the name of the receiving water to which the catch basin discharges;	<i>Closest catch basin is less than 10 feet away. This catch basin would discharge to on site drainage system that then flows to Hull Bay.</i>
Did the release reach a wetland or surface water? If so, include the name and exact location where?	<i><u>No</u> discharge made it to a wetland or surface body of water. The manhole was damp/dry and did not fill up, nor was there any rainfall during the period of time between the leak, and when the All contents in the CB were removed and the CB washed down and vacuumed out.</i>
Measures taken to minimize the volume and duration of the unauthorized discharge;	<i>Homeowner informed to limit any water use and emergency dig was co-ordinated to correct the problem.</i>
Measures taken to clean the area where the unauthorized discharge occurred;	<i>See above. Contractor performed site clean up &amp; BMC performed the CB clean out.</i>
Corrective actions taken to prevent reoccurrence of unauthorized discharges at the same location;	<i>Sub-Contractor repaired the broken pipe.</i>
Date of the last unauthorized discharge in the same general location;	<i>Unknown, NA.</i>



Maps of area [29 Roosevelt Ave. noted]





**Contractor excavation on 5/16/20**



**Broken pipe service**



**New pipe installation**

## Aram Varjabedian

---

**From:** Aram Varjabedian  
**Sent:** Sunday, May 17, 2020 3:36 PM  
**To:** tberardinelli@town.hull.ma.us; Bill Boornazian; david.burns (david.burns@state.ma.us); Frank Cavaleri; Joyce, Ryan (FWE); John Struzziery; jsullivan (jsullivan@town.hull.ma.us); kbornheim (kbornheim@town.hull.ma.us); Krahforst, Chris (ckrahforst@town.hull.ma.us); Lemnios, Philip (plemnios@town.hull.ma.us); Carol O'Connor; Robert Scott; Turin, David (Turin.David@epa.gov); bkiely; Stigliani, Joseph  
**Subject:** RE: Very small sewage release - Sanitary System Overflow [SSO] Notification - Hull, MA - MA0101231 - 29 Roosevelt Ave.

Tracking:	Recipient	Delivery	Read
	tberardinelli@town.hull.ma.us		
	Bill Boornazian	Delivered: 5/17/2020 3:37 PM	Read: 5/18/2020 7:20 AM
	david.burns (david.burns@state.ma.us)		
	Frank Cavaleri	Delivered: 5/17/2020 3:37 PM	
	Joyce, Ryan (FWE)		
	John Struzziery		
	jsullivan (jsullivan@town.hull.ma.us)		
	kbornheim (kbornheim@town.hull.ma.us)		
	Krahforst, Chris (ckrahforst@town.hull.ma.us)		
	Lemnios, Philip (plemnios@town.hull.ma.us)		
	Carol O'Connor		
	Robert Scott	Delivered: 5/17/2020 3:37 PM	
	Turin, David (Turin.David@epa.gov)		
	bkiely		
	Stigliani, Joseph		

Good afternoon:

I wish to notify you all to report a very small sewage release that occurred on Saturday 5/16/20. A blockage call came in to the Hull Sewer Dept. at approximately 11:30 AM. The homeowner was experiencing a sewage backup in the home, and Budge-It Drains, a local drain cleaning company, was on site attempting to clear the blockage. It appeared that a lateral break existed, as the grass area was wet and the drain company was pulling back dirt/mud from the sewer service, when snaking the line. W&C initially investigated the main line and found the main was flowing ok. The area along the curb line was wet at that time, but nothing was flowing towards a nearby catch basin. These observations were reported back to the sewer department, and an additional inspection was made by John Struzziery, HSD Wastewater Division Manager at approximately 2:15pm. At that time a small trickle of sewage flow was evident and made its way to the adjacent/nearby catch basin slightly down gradient from the home. An estimate of the release was determined to be less than 1 gallon. A decision was made to excavate and investigate more. Aqualine Utility was contracted and eventually made the necessary repairs. It appears that service line break was likely a result of recent utility work in that area by others within the past year or so.



Filter fabric was placed under the catch basin cover to prevent any additional material or liquid from flowing into the catch basin, and arrangements have been made to have the catch basin vacuumed out and cleaned on Monday 5/18/20. No liquid flowed out of the catch basin to any other parts of the storm drainage system.

A completed sanitary system overflow report will be submitted within 5 days of the occurrence. Should you have any questions please do not hesitate to contact me.

Sincerely,

Aram

Aram Varjabedian - Plant Manager  
Hull Wastewater Treatment Facility  
1111 Nantasket Avenue  
Hull, MA 02045  
Phone 781.925.0906, Fax 781.925.3056, Cell 339.214.8334  
[www.woodardcurran.com](http://www.woodardcurran.com)



COMMITMENT & INTEGRITY DRIVE RESULTS